

Figure 1

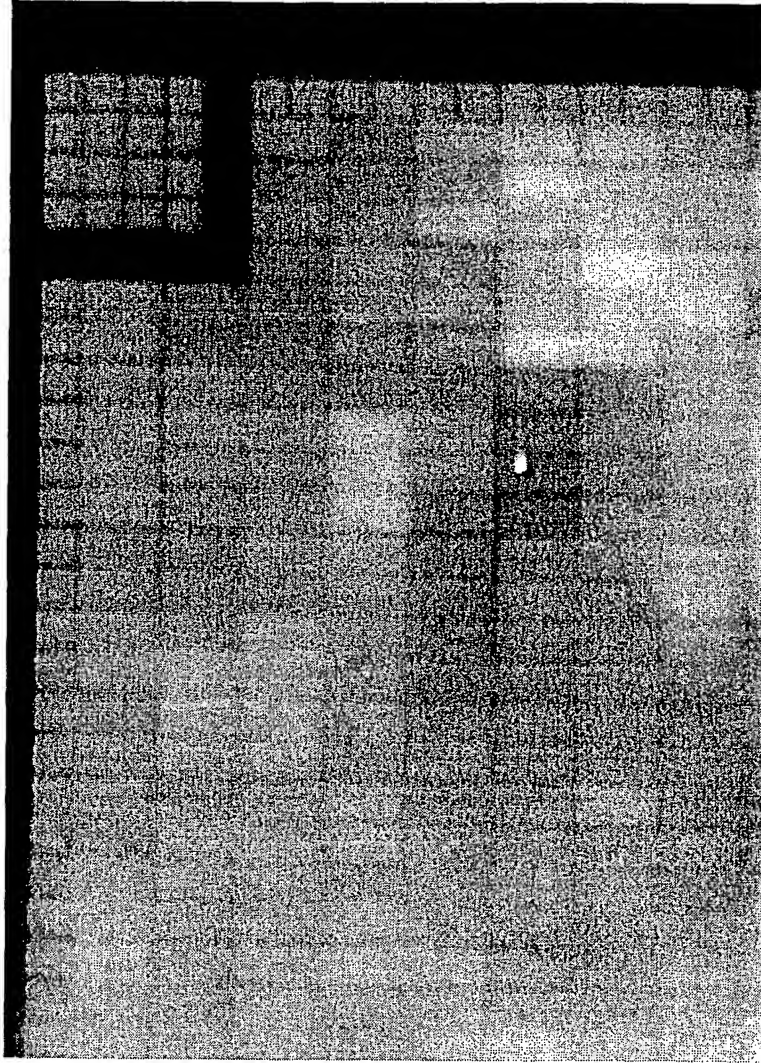


Figure 2

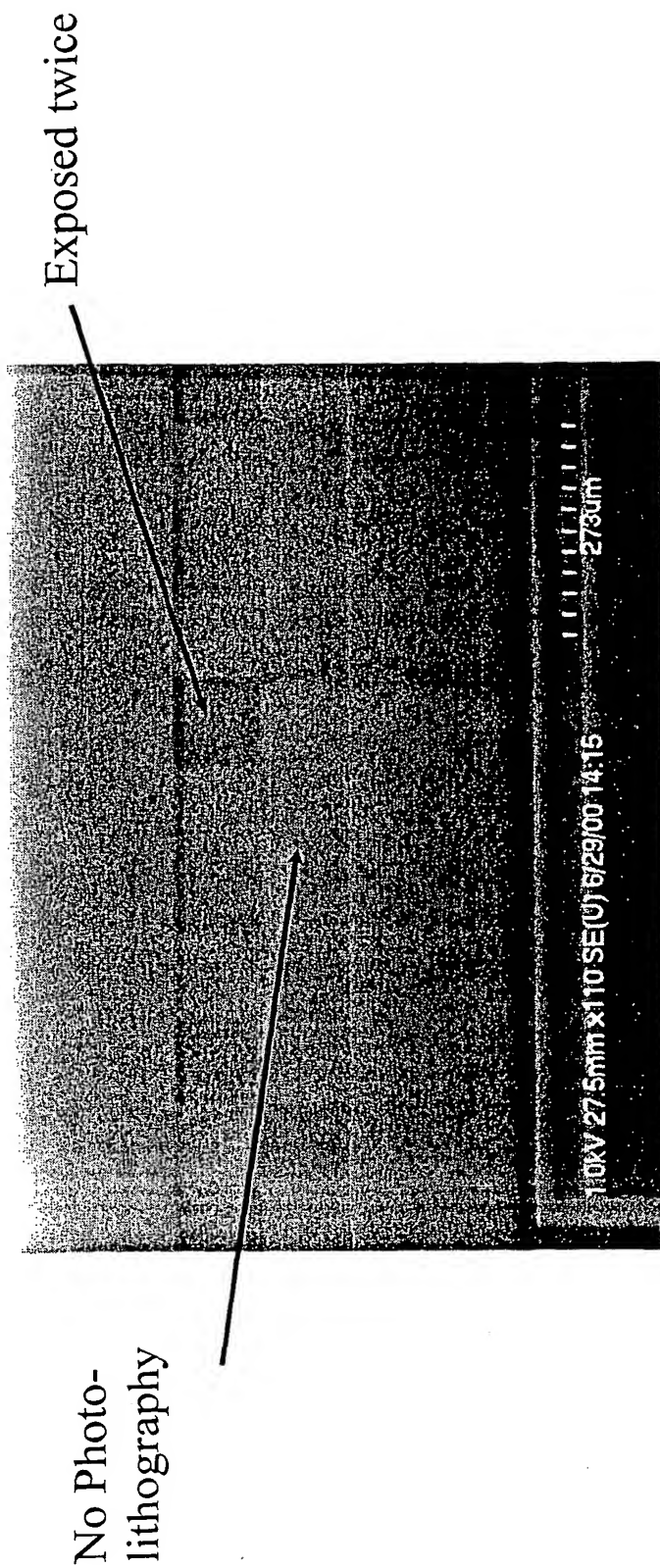


Figure 3

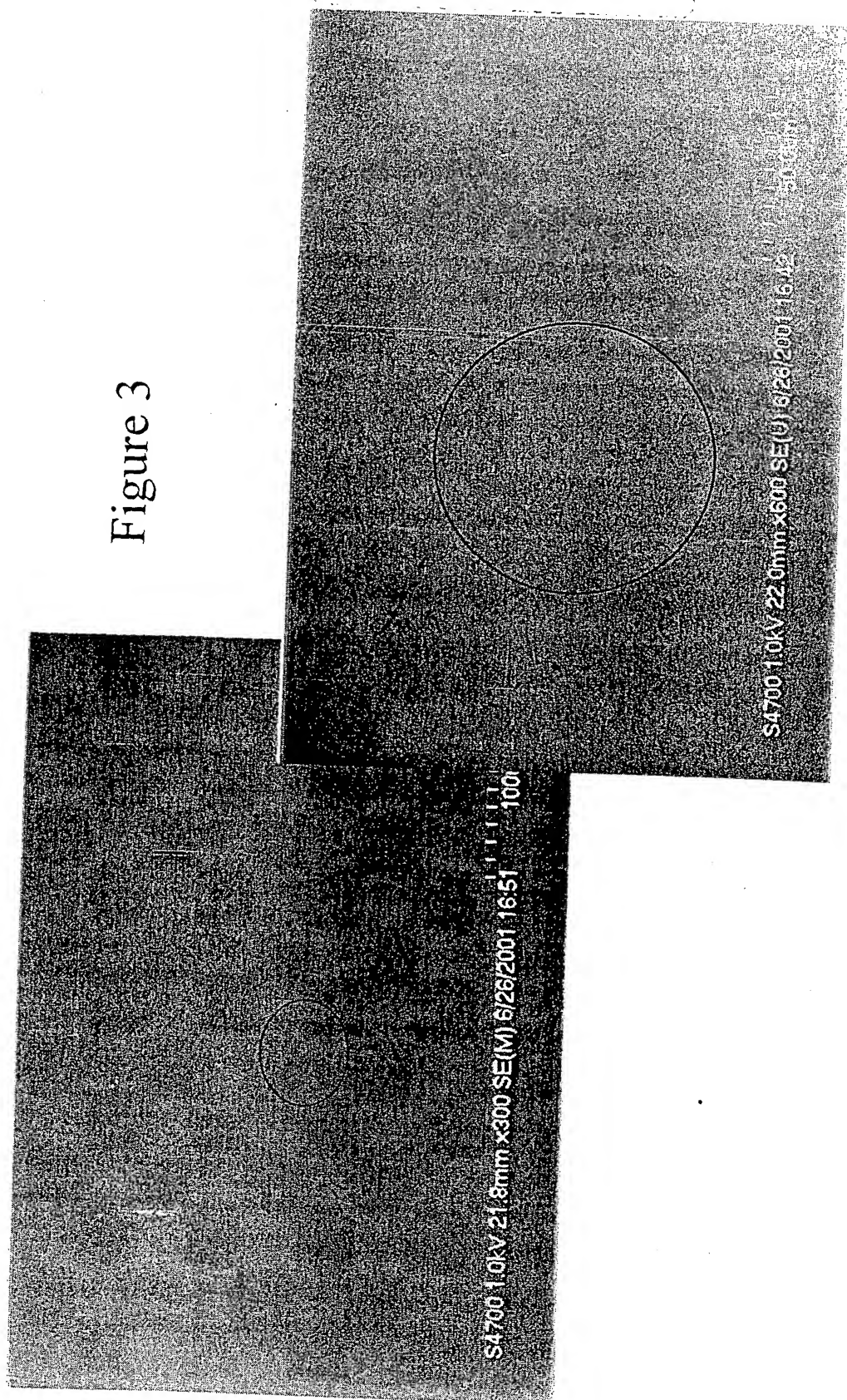


Figure 4

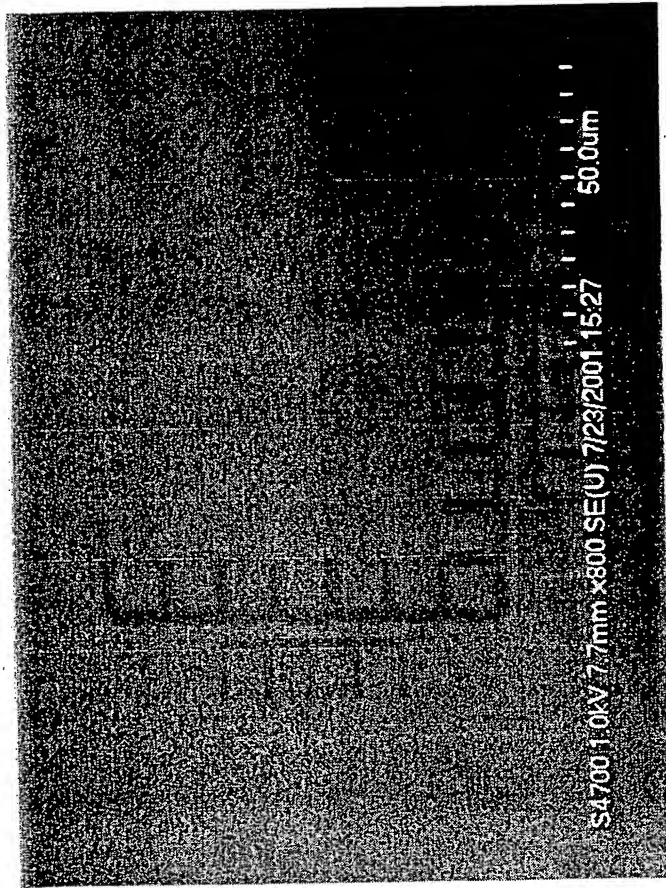


Figure 5

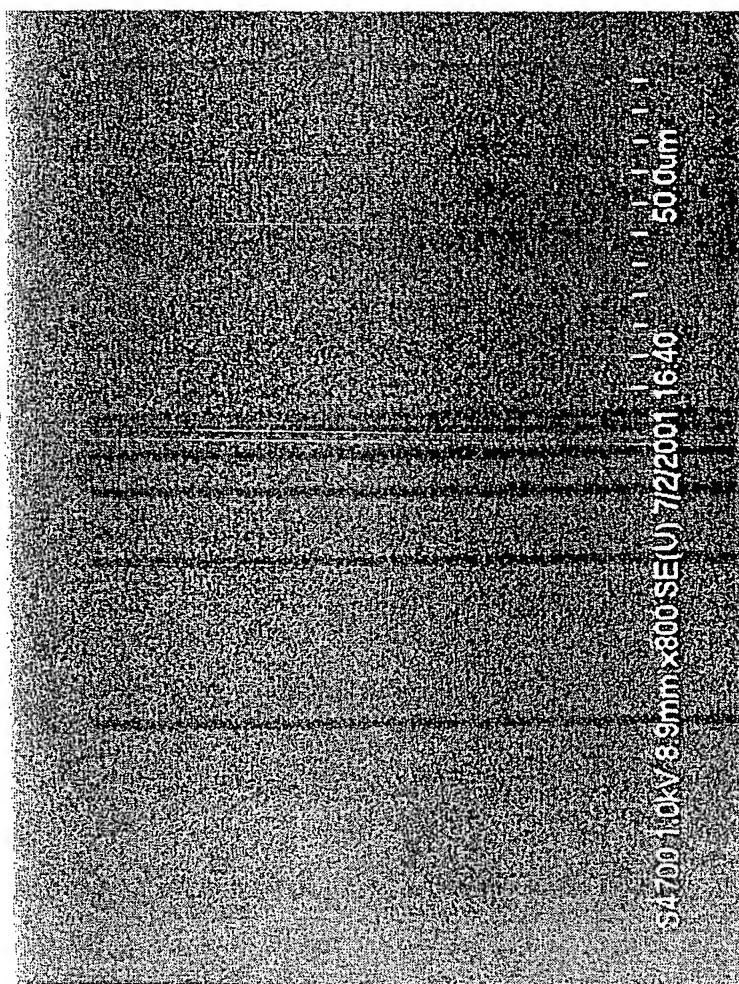
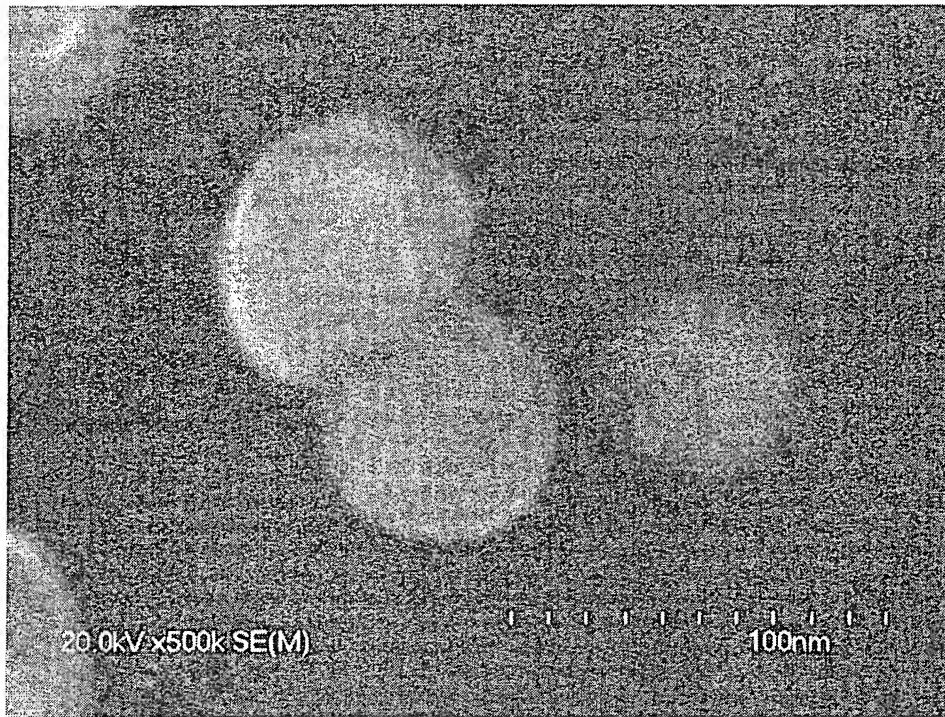




Figure 6



High magnification SEM  
image of gold  
nanospheres on glass

Figure 7

SEM image of unhybridized  
GeneChip® DNA microarray.

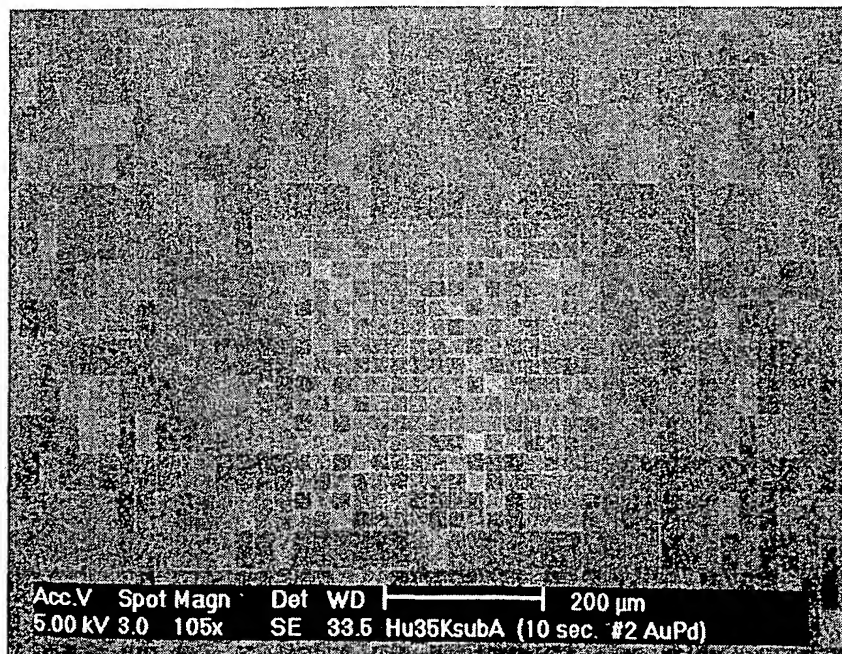


Figure 8

SEM image of  
photolithographic  
resolution lines on an  
unhybridized GeneChip®  
DNA microarray.

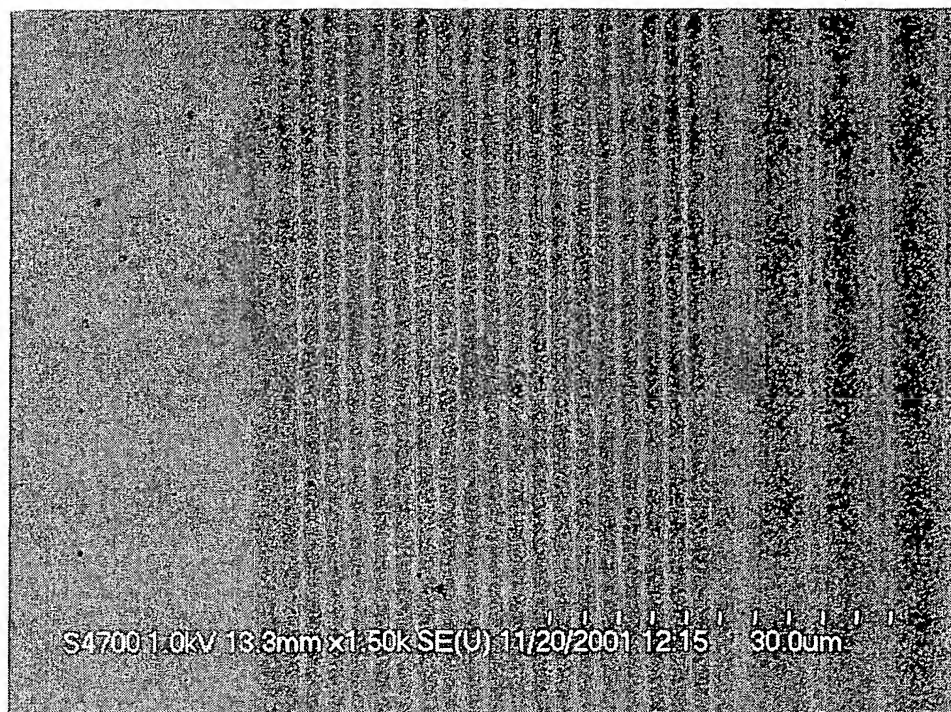


Figure 9

Low magnification  
SEM image of  
streptavidin-gold  
labeled target in  
complex background

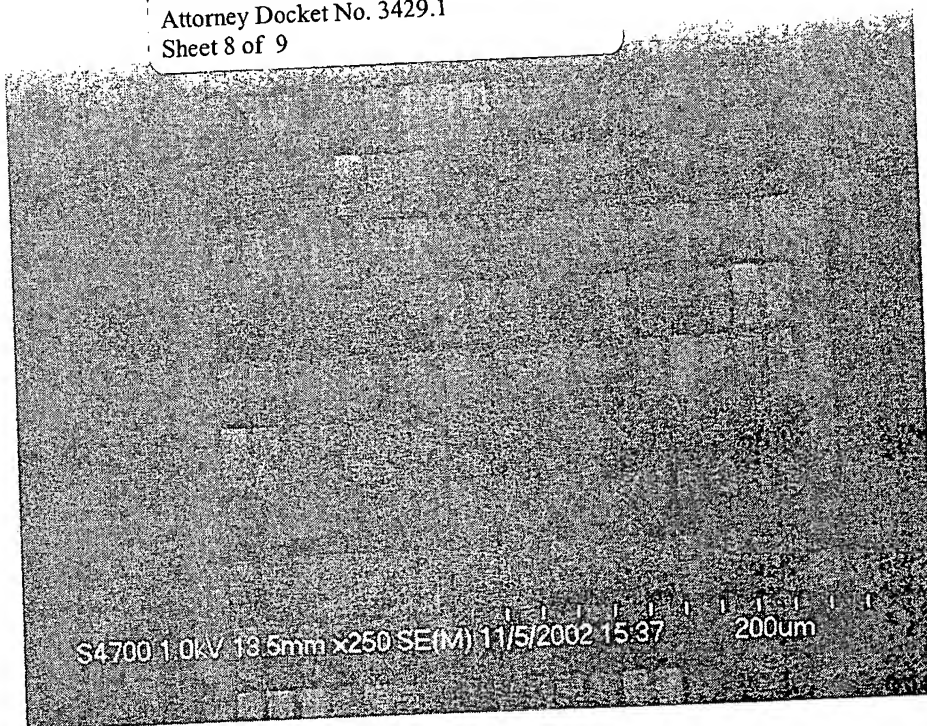


Figure 10

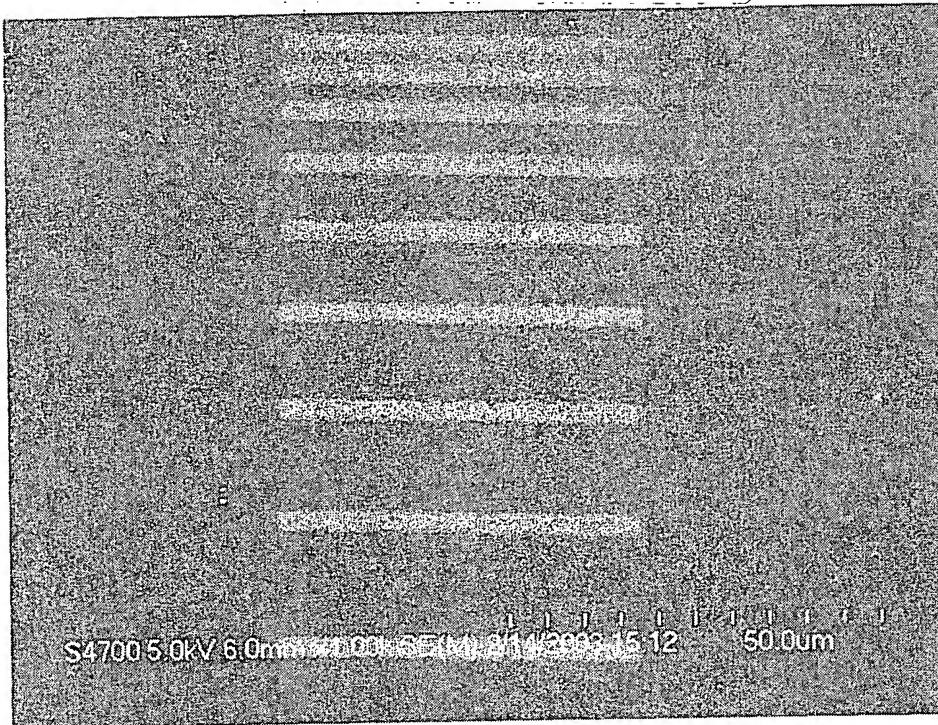
Low magnification SEM  
image of streptavidin-gold  
labeled target in complex  
background





**Figure 11**

SEM image of  
photolithographic  
resolution lines labeled  
with streptavidin-gold.



**Figure 12**

Backscattered electron  
image of checkerboard  
patterned streptavidin-gold  
labeled target.

